

L 6818-65 EWT(m)/EPA(w)-2/T/EWP(q)/EWP(b) Pub-24 AS(mp)-2/ASD(d)/ASD(m)-3/
ESD(gs)/ESD(t) RMH/JD/JU
ACCESSION NR: AP4044660 S/0048/64/028/008/1390/1394

AUTHOR: Lepeshinskaya, V.N.; Zarutskiy, Ye.M.

TITLE: Penetration of some alkali metal ions into copper and silver ⁷Report, All-Union Conference on Semiconductor Compounds held in Kishinev 16-21 Sep 1963 ⁸³
⁸¹

SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v.28, no.8, 1964, 1390-1394

TOPIC TAGS: ion deceleration, ion interaction, sodium ion, lithium ion, alkali metal, copper, silver

ABSTRACT: The penetration of Li^+ and Na^+ ions with energies up to 20 keV through Ag and Cu films from 180 to 500 Å thick was investigated experimentally. The ions were formed by surface ionization on a hot tungsten electrode and were accelerated, focused, directed through the film, and collected in a Faraday cup. The films were formed by vacuum evaporation of the metal onto a lacquer backing which was subsequently dissolved. X-ray studies showed the films to be polycrystalline with a grain size of about 50 Å. The ion and electron currents from both sides of the film were measured, and from these the fraction of the incident ions that penetrated the film was derived. When the fraction f of ions penetrating the film was between 0.02 and

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0.15, the relation between f and the energy E of the incident ions was $f = A(E - E_p)$, where the coefficient A and the limiting penetration energy E_p depend on the thickness of the film. The relation between E_p and the thickness R of the film was approximated by expressions of the form $R = aE_p^n$. For Na^+ ions, n was unity and a was 3.2 for the Ag films and 2.6 for the Cu films when R is measured in $\mu g/cm^2$ and E_p in keV. For Li^+ ions at low energies ($E_p < 6$ keV), the corresponding values were $n = 0.7$, $a = 10.9$ for the Ag films and $n = 0.75$, $a = 9.1$ for the Cu films. At higher energies the values for Li^+ ions were $n = 0.52$, $a = 15.1$ for the Ag films and $n = 0.45$, $a = 15.2$ for the Cu films. The results are discussed briefly from a theoretical point of view, and it is concluded that in the case of the sodium ions, for which the relation between R and E_p is linear, the deceleration is due entirely to elastic collisions with the lattice atoms, but that in the case of the lithium ions, interaction with the electrons is also involved. "In conclusion, the authors convey their great gratitude to M.A.Yeremeyev for his valuable advice and constant interest in the work." Orig.art.has: 6 formulas and 5 figures.

ASSOCIATION: Leningradskiy politekhnicheskiy institut (Leningrad Polytechnic Inst.)

SUBMITTED: 00

ENCL:00

SUB CODE: NP,GP

NR REF SOV: 001

OTHER:006

2/2

L 27667-66 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AT6004862

SOURCE CODE: UR/2563/65/000/255/0166/0171

AUTHOR: Berezin, G. N.; Zarutskiy, Ye. M.; Lepeshinskaya, V. N.

ORG: none

TITLE: Effect of cesium-ion bombardment upon the secondary-emission properties of alloy-type magnesium-oxide and beryllium-oxide emitters

SOURCE: Leningrad. Politekhicheskii institut. Trudy, no. 255, 1965.
Radioelektronika (Radio electronics), 166-171

TOPIC TAGS: secondary emission, photomultiplier, ion bombardment, magnesium oxide, beryllium compound, cesium, electron emission

ABSTRACT: Important for understanding the photomultiplier-fatigue phenomenon, an experimental investigation was organized of the effect of cesium-ion bombardment upon the secondary-electron-emission factor σ of magnesium-oxide and beryllium-oxide films that are formed as a result of activation of CuAlMg and CuAlBe alloys. Experimental curves of $\sigma(E_p)$, $\sigma_{\max} / \sigma_{0 \max}$ vs. E_1 and I_1 for 10-, 30-, and 60-min bombardment in a 10^{-6} -torr vacuum are shown; E_1 is the ion energy and I_1 is the density of the ion beam. The fall-off of the $\sigma_{\max} / \sigma_{0 \max}$ curve depends on the

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ACC NR: AT6004862

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number of impinging ions rather than on their energies; this result is in agreement with G. E. I. Moore's data (J. Appl. Phys., 1959, v. 30, no. 7, pp. 1086-1100). Two experimental curves of the ion-electron emission factor $\delta(E_1)$ and the ion-ion emission factor $K(E_1)$ show that δ increases linearly and K is practically independent of E_1 . Orig. art. has: 5 figures.

SUB CODE: 20, 09 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 003

Card 2/2 CC

I 26210-65 ENT(1)/ENT(m)/ENT(m)/EPA(w)-2/T Pab-10 EAH
ACCESSION NR: AP5007112 S/0109/65/010/003/0584/0585

AUTHOR: Alekseyev, V. A.; Lepeshinskaya, V. N.

TITLE: Studying the secondary-emission properties of an impregnated cathode

SOURCE: Radiotekhnika i elektronika, v. 10, no. 3, 1965, 584-585

TOPIC TAGS: secondary emission, impregnated cathode

ABSTRACT: Standard impregnated end-type 8-mm-diameter cathodes were studied; they were similar to those used by I. Brodie, et al. (Brit. J. Appl. Phys., 1957, 8, 5, 202) but the porosity of the tungsten matrix was 33%. In a spherical-capacitor-type device, the effect of the primary-electron energy on the secondary-emission ratio and the coefficient of inelastic reflection of electrons was investigated, as well as the energy distribution of secondary electrons. Measurements were made under static conditions, at room temperature, after the cathodes had been thermally activated at 1200C for 5-10 hrs. It was found

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ACCESSION NR: AP5007112

that the maximum secondary-emission ratio is 2.4-2.8 (for a primary-electron energy of 700 ev) and the reflection coefficient is 20-22% (within 400-2000 ev). The secondary-electron energy-distribution curve has a half-width of 5 ev, and the most probable secondary-electron energy is about 2.5 ev. Variation of the secondary-emission ratio with the time of electron bombardment up to 300 hrs was determined. Orig. art. has: 2 figures. 0

ASSOCIATION: none

SUBMITTED: 07May64

NO REF SOV: 000

ENCL: 00

SUB CODE: EC, NP

OTHER: 002

Card 2/2 *Bo*

L 37015-65 EWT(1)/EWT(m)/EWP(t)/EWP(b) Pad IJP(c) JD/HW

ACCESSION NR: AP5007113

S/0109/65/010/003/0586/0587

AUTHOR: Alekseyev, V. A.; Lepeshinskaya, V. N.

TITLE: Secondary-emission properties of pressed emitters of the (BaSr)O+Ni type

SOURCE: Radiotekhnika i elektronika, v. 10, no. 3, 1965, 586-587

TOPIC TAGS: secondary emission, emitter, pressed emitter

ABSTRACT: Test specimens were prepared by pressing (molding) powdered Ni (70% by weight) mixed with barium carbonate (15%) and strontium carbonate (15%) at 15 t/cm²; the resulting 8-mm-diameter, 0.4-mm-thick pellets were vacuum-sintered at 700C and mounted into spherical-capacitor-shaped experimental devices. At 5×10^{-9} mmHg in the device, the effects of the primary-electron energy on the secondary-emission ratio (SER) and electron inelastic-reflection factor were studied, as well as the energy distribution of secondary electrons. It was found that the SER has a maximum of 4 to 6 at 1000-1200 ev and then falls off

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ACCESSION NR: AP5007113

slowly. Also, the effect of the test duration (up to 300 hrs) on the SER at various current densities of electron bombardment was determined. The dissociation of oxides under electron bombardment was found to be the chief factor determining the life of the emitters. Orig. art. has: 3 figures: [03]

ASSOCIATION: none

SUBMITTED: 07May64

ENCL: 00

SUB CODE: EC, NP

NO REF SOV: 001

OTHER: 001

ATD PRESS: 3222

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Card 2/2

L-63048-65

ACCESSION NR: AP5017779

ENT(m)/EPF(c)/EWA(d)/EWP(t)/ENP(z)/ENP(b) Pad IJP(c)
UR/0080/65/038/007/1556/1562
546.3-19'56'74+620.193

JD/HW/WB

AUTHOR: Lepashinskaya, V. N.; Skorchelletti, V. V.; Monastyrev, V. P.

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8

TITLE: Study of the change in the surface composition of alloys of the Cu - Ni system under the influence of a corrosive medium by measuring the work function

17 17

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 7, 1965, 1556-1562

TOPIC TAGS: copper alloy, nickel alloy, work function, alloy corrosion, alloy surface, alloy passivation

ABSTRACT: Changes in the work function of Cu-Ni alloys in the homogenized state were determined from the shift of the volt-ampere characteristics (P. A. Anderson's method). The apparatus used is illustrated and described. It was found that the work function increases steadily from copper to nickel. After the alloys were etched in a 5% ammonia solution, the work function increased owing to the formation of a passivating layer of oxide or chemisorbed oxygen. The nature of the relationship between the work function and the alloy composition changes after the ammonia solution has been in contact with the alloys. At 50 at. % Ni, an abrupt rise in work function (to 0.27 eV/1% Ni) takes place as the

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ASD

SUBMITTED: 03/1/66

NO REF SOV: 005

Card 2/2

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ACCESSION NR: AP5017779

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alloy composition changes by 0.81 at. % Ni. The data obtained are a direct confirmation of the fact that the appearance of the Tamman limits of chemical stability of the solid solutions is associated with an enrichment of the surface with the component which is more stable in the given medium. The enrichment of the surface with nickel in alloys containing over 50 at. % Ni causes a pronounced passivity. At lower Ni contents, the alloys are not corrosion-resistant, and both components of the alloy pass uniformly into solution without changing the composition of the alloy surface. Orig. art. has: 8 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 05May64

NO REF SOV: 005

ENCL: 00

SUB CODE: MM

OTHER: 005

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000929320001-5

Card 2/2

GOL'D, B.V., inzhener; KUGEL', R.V., inzhener; LEETSHINSKAYA, Ye.V.,
redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[English-Russian automotive dictionary] Anglo-russkii avto-
traktornyĭ slovar'. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry,
1954. 840 p. (MLRA 7:10)

(Automobile engineering--Dictionaries)
(English language--Dictionaries--Russian)

GEYLER, L.B., doktor tekhnicheskikh nauk; DOZOROV, N.I., inzhener kand. tekhnicheskikh nauk; LEPESHINSKAYA, Ye.V., redaktor; NEGRIMOV-SKAYA, R.A., tekhnicheskiiy redaktor.

[English-Russian electrotechnical dictionary] Angle-russkii elektrotekhnicheskiiy slovar'. Izd. 2-ee, ispr. 1 dop. Sost. L.B. Geiler i N.L. Dozorov. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 704 p. (MLRA 9:5)
(English language--Dictionaries--Russian)(Electric engineering--Dictionaries)

GOROKHOV, Petr Kuz'mich; LEPESHINSKAYA, Ye.V., redaktor; TUMARKINA, N.A.,
tekhnicheskii redaktor

[French-Russian radio engineering dictionary] Frantsuzsko-russkii
radiotekhnicheskii slovar'. Moskva, 5 os. izd-vo tekhniko-teoret.
lit-ry, 1956. 379 p. (MLA 10:2)
(French language--Dictionaries--Russian)
(Radio--Dictionaries)

USOVSKIY, B.N.; GEMINOVA, N.V.; KRASNOSEL'SKAYA, T.A.[deceased]; LEPESHIN-
SKAYA, Ye.V., redaktor; TUMARKINA, N.A., tekhnicheskiiy redaktor

[English-Russian agricultural dictionary] Anglo-russkii sel'sko-
khosiaistvennyi slovar'. Izd. 3-e, perer. Moskva, Gos. izd-vo
tekhniko-teoret. lit-ry, 1956. 532 p. (MLRA 9:8)
(English language--Dictionaries--Russian)
(Agriculture--Dictionaries)

CHOCHIA, Anton Pavlovich, inzhener; LEPESHINSKAYA, Ye.V., redaktor;
TUMARKINA, N.A., tekhnicheskii redaktor

[English-Russian dictionary of fuels and oils] Anglo-russkii slovar'
po toplivam i maslam. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry,
1956. 545 p.

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(Fuel--Dictionaries)

(Petroleum products--Dictionaries)

ANDRIANOV, B.A.; KOTLYAR, L.Ye.; MANOLE, M.G.; ROZENFEL'D, M.N.; SADETSKIY,
A.A.; FINKEL'SHTEYN, Ya.M.; IEPESHINSKAYA, Ye.V., redaktor; TUMORKINA,
N.A., tekhnicheskiy redaktor

[Rumanian-Russian polytechnical dictionary] Rumynsko-russkii poli-
tekhnicheskii slovar'. Sost. B.A.Andrianov i dr. Pod red. M.G.
Manole. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 715 p.
(MLRA 10:3)

(Rumanian language--Dictionaries--Russian)
(Technology--Dictionaries)

~~LEPESHINSKAYA, Ye.V.~~
GORSKIY, Nikolay Nikolayevich; GORSKAYA, Vera Ivanovna; ~~LEPESHINSKAYA, Ye.V.~~,
red.; GAVRILOV, S.S., tekhn.red.

[English-Russian dictionary of oceanographical terms] Anglo-
russkii okeanograficheskii slovar'. Moskva, Gos.izd-vo tekhniko-
teoret. lit-ry, 1957. 292 p. (MIRA 11:2)
(English language--Dictionaries--Russian)
(Oceanography--Dictionaries)

SINYAGIN, I.I., prof.; LEPNISHINSKAYA, Ye.V., red.; BRUDNO, K.F., tekhn.red.

[French-Russian agricultural dictionary] *Frantsuzsko-russkii sel'skokhoziaistvennyi slovar'*. Moskva, Gos.izd-vo tekhniko-teoret. lit-ry, 1957. 395 p. (MIRA 11:3)

1.Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk, im. V.I.Lenina (for Sinyagin)

(French language--Dictionaries--Russian)

(Agriculture--Dictionaries)

ЛЕПЕШИНА-КАНА, Ye.V.

PTASHNYY, L.K., inzh.; LEPESHINSKAYA, Ye.V., red.; GAVRILOV, S.S., tekhn.red.

[English-Russian dictionary on automation and instruments] Anglo-russkii slovar' po avtomatike i kontrol'no-izmeritel'nym priboram.
Moskva, Gos.izd-vo tekhniko-teoret. lit-ry, 1957. 379 p. (MIRA 11:2)
(English language--Dictionaries--Russian)
(Automatic control--Dictionaries)

SINYAGIN, I.I., prof. ~~LEPESHINSKAYA~~, Ye.V., red.; BRUDNO, K.F., tekhn.red.

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1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Sinyagin)
(Agriculture--Dictionaries)
(French language--Dictionaries--Russian)

GERMAN-PROZOROVA, Lyutsiya Pavlovna; VINOGRADOVA, Nina Ivanovna; KREYTSEY,
V.L., prof. doktor tekhn.nauk, red.; GOS, M.E., kand.tekhn.nauk, red.;
KARPOV, V.G., kand.tekhn.nauk, red.; MALAKHOV, I.K., inzh., red.;
LEVIT, A.B., inzh.red.; LEPESHINSKAYA, Ye.V., red.; BRUDNO, K.P.,
tekhn.red.

[English-Russian radiotechnical dictionary] Anglo-russkii radio-
tekhnicheskii slovar'. Pod obshchei red. V.L.Kreitsera. Red.
kollegiia: M.E.Gos i dr. Moskva, Gos.izd-vo tekhniko-teoret.
lit-ry, 1957. 524 p. (MIRA 11:2)

(Radio--Dictionaries)

(English language--Dictionaries--Russian)

LEPESHINSKAYA, YE.V.

SAPIANO, Tat'yana Alekseyevna; KORZHINSKIY, D.S., akademik, redaktor;
BORNEMAN, I.D., doktor geologo-mineralogicheskikh nauk, redaktor;
VAKHRAMEYEV, V.A., doktor geologo-mineralogicheskikh nauk,
redaktor; GROMOV, V.I., doktor geologo-mineralogicheskikh nauk,
redaktor; KELLER, B.M., doktor geologo-mineralogicheskikh nauk,
redaktor; LEBEDEV, A.P., doktor geologo-mineralogicheskikh nauk,
redaktor; KHAIN, V.Ye., doktor geologo-mineralogicheskikh nauk,
redaktor; SHTRNYS, N.A., doktor geologo-mineralogicheskikh nauk,
redaktor; YABLOKOV, V.S., kandidat geologo-mineralogicheskikh nauk,
redaktor; MERKLIN, R.L., kandidat biologicheskikh nauk, redaktor;
VAYSMAN, L.S., nauchnyy sotrudnik, redaktor; SLAVYANOVA, N.P.,
nauchnyy sotrudnik, redaktor; LEPESHINSKAYA, Ye.V., redaktor;
TUMARKINA, N.A., tekhnicheskiy redaktor

[English-Russian geological dictionary] Anglo-russkii geologicheskii
slovar'. Pod red. D.S.Korzhinskogo i dr. Moskva, Gos. izd-vo
tekhniko-teoret.lit-ry, 1957. 528 p. (MIRA 10:7)

(English language--Dictionaries--Russian)
(Geology--Dictionaries)

GOL'D, Boris Vasil'yevich, inzh.; KUGEL', Rafail Viktorovich, inzh.;
LIPESHINSKAYA, Ye.V., red.; BRUDNO, K.F., tekhn.red.

[English - Russian automotive dictionary] Anglo-russkii avtotraktor-
nyi slovar'. Izd. 2-oe, perer. Moskva, Gos. izd-vo tekhniko-teoret.
lit-ry, 1957. 724 p. (MIRA 11:2)
(Automobiles--Dictionaries)
(English language--Dictionaries--English)

SHNEIDER, M.Ye.; DENISOV, N.Ya., prof., red.; LEPESHINSKAYA, Ye.V., red.;
AKHLAMOV, S.M., tekhn. red.

[Technical terms in English, Russian, French, German, Swedish, Portuguese, and Spanish used in soil mechanics and foundation engineering] Slovar' tekhnicheskikh terminov po mekhanike gruntov i fundamentostroeniiu na angliiskom, russkom, frantsuzskom, nemetskom, shvedskom, portugal'skom i ispanskom iazykakh. Russkii tekst i ukazatel' M.M. Shneider, pod red. N.IA Denisova. Moskva, Gos. izd-vo fiziko-matematicheskoi lit-ry, 1958. 139 p. (MIRA 11:10)

1. International Society of Soil Mechanics and Foundation Engineering.

(English language--Dictionaries--Polyglot)
(Soil mechanics--Dictionaries)

LINDORF, L.S., inzh. [translator]; BEL'KIND, L.D., prof., doktor tekhn.nauk, red.; LEPESHINSKAYA, Ye.V., red.; TUMARKINA, N.A., tekhn.red.

[International electrotechnical vocabulary] Mezhdunarodnyi elektro-tekhnicheskii slovar'. Group 10. [Machines and transformers]
Mashiny i transformatory. Izd.2. Moskva, Gos.izd-vo fiziko-matem. lit-ry. 1958. 212 p. (MIRA 12:3)

1. World Power Conference. U.S.S.R. National Committee.
(Electric machinery--Dictionaries)

GAL'PERIN, G.L.; GOSPODINOV, G.V., red.; LEPESHINSKAYA, Ye.V., red.;
AKHLAMOV, S.N., tekhn.red.

[English-Russian dictionary on cartography, geodesy, and aerial
photogrammetry] Anglo-russkii slovar' po kartografii, geodesii
i aerofototopografii. Red. G.V.Gospodinov. Moskva, Gos.izd-vo
fiziko-matem.lit-ry, 1958. 546 p. (MIRA 12:5)

(English language--Dictionaries--Russian)

(Cartography--Dictionaries) (Geodesy--Dictionaries)

(Aerial photogrammetry--Dictionaries)

BARON, L.I., prof., doktor tekhn.nauk; YERSHOV, N.N., gornyy inzh.;
LEPESHINSKAYA, Ye.V., rad.; KRYUCHKOVA, V.N., tekhn.red.

[English-Russian mining dictionary] Anglo-russkii gornyi
slovar'. Pod red. L.I. Barona. Moskva, Gos.izd-vo fiziko-
matem.lit-ry, 1958. 992 p. (MIRA 12:4)
(English language--Dictionaries--Russian)
(Mining engineering--Dictionaries)

AYBINDER, M.I., dotsent, kand.fil.nauk; ALLYENOVA, N.M.; GALL, M.A.,
kand.fil.nauk; SAVINA, L.V.; ASTAPENKO, P.D., dotsent, kand.
geograf.nauk, red.; LEPESHINSKAYA, Ye.V., red.; BRUDNO,
K.F., tekhn.red.

[English-Russian meteorological dictionary] Anglo-russkii
meteorologicheskii slovar'. Pod red. P.D.Astapenko. Moskva,
Gos.isd-vo fiziko-matem.lit-ry, 1959. 244 p. (MIRA 12:8)
(Meteorology--Dictionaries)

LOSEV, S.B.; SMELYANSKAYA, B.Ya.; FEDOSEYEV, A.M., prof., doktor tekhn. nauk, red.; LEPESHINSKAYA, Ye.V., red.; AKHLAMOV, S.N., tekhn. red.

[International electrical engineering dictionary] Mezhdunarodnyi elektrotekhnicheskii slovar'. Izd.2. Moskva, Gos.izd-vo fiziko-matem.lit-ry. Group 16. [Relay protection] Releinaia zashchita. 1960. 114 p. (MIRA 13:5)

1. International Electrotechnical Commission.
(Dictionaries, Polyglot) (Electric relays--Dictionaries)

VOSKOBOYNIK, David Izrailevich, doktor tekhn.nauk; TSIMMERMAN, Moisey Genrikhovich; LEPESHINSKAYA, Ye.V., red.; PLAKSHE, L.Yu., tekhn. red.

[Russian-English nuclear dictionary] Russko-angliiskii iadernyi slovar'. Sost.D.I.Voskoboinik i M.G.TSimmerman. Pod red. D.I. Voskoboinika. Moskva, Glav.red.inostr.nauchno-tekhn.slovari Fizmatgiza, 1960. 334 p. (MIRA 14:1)

(Russian language--Dictionaries--English)
(Nuclear engineering--Dictionaries)

VOSKOBOYNIK, David Izrailevich, doktor tekhn.nauk; TSIMMERMAN, Moisey
Genrikhovich; LEPESHINSKAYA, Ye.V., red.; KRYUCHKOVA, V.N.,
tekhn.red.

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slovar'. Pod red. D.I.Voskoboinika. Moskva, Glav.red.inostr.
nauchno-tekhn.slovari Fizmatgiz, 1960. 400 p. (MIRA 13:10)

(Nuclear physics--Dictionaries)

GERMAN-PROZOROVA, Lyutsiya Pavlovna; VINOGRADOVA, Nina Ivanovna; KREYTSER, V.L., prof., doktor tekhn.nauk, red.; GOS, M.E., kand.tekhn.nauk, red.; KARPOV, V.G., kand.tekhn.nauk, red.; LEVIT, A.B., inzh., red.; MALAKHOV, I.K., inzh., red.; LEPESHINSKAYA, Ye.V., red.; BRUDNO, K.F., tekhn.red.

[English-Russian radio engineering dictionary] Anglo-russkii radiotekhnicheskii slovar'. Pod obshchei red. V.L.Kreitsera. Red. kollegiia: M.E.Gos i dr. Moskva, Glav.red.inostr.nauchno-tekh.n. slovari, 1960. 524 p. (MIRA 13:7)
(Radio--Dictionaries)
(English language--Dictionaries--Russian language)

GERMAN-PROZOROVA, Lyutsiya Pavlovna; YANKEL'SON, I.S.; KREYTSER, V.L.,
prof., doktor tekhn.nauk, red.; GOS, M.E., kand.tekhn.nauk,
red.; LEPESHINSKAYA, Ye.V., red.; KRYUCHKOVA, V.N., tekhn.red.

[English-Russian television dictionary] Anglo-russkii slovar'
po televideniiu. Pod obshchei red. V.L.Kreitsera pri red.uchastii
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Fizmatgiz, 1960. 427 p. (MIRA 14:3)

(Television--Dictionaries)

(English language--Dictionaries--Russian language)

VOSKOBOYNIK, D.I., doktor tekhn. nauk, red.; LEPESHINSKAYA, Ye.V., red.;
KOLESNIKOVA, A.P., tekhn. red.

[Nuclear dictionary in seven languages; English-Russian-French-Spanish-Italian-Dutch-German] Semiaznychnyi iadernyi slovar'; anglo-russko-frantsuzsko-ispansko-ital'iansko-gollandsko-nemetskii. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 462 p. (MIRA 14:9)

(Nuclear physics--Dictionaries)
(English language--Dictionaries--Polyglot)

BARGIN, B.G.; BUCHINSKIY, A.S.; LEPESHINSKAYA, Ye.V., red.; FLAKSHE,
L.Yu., tekhn. red.

[Dictionary on electronics and wave guides in seven languages;
English, Russian, French, Spanish, Italian, Dutch, and German]
Semiiazychnyi slovar' po elektronike i volnovodam; anglo-
russko-frantsuzsko-ispansko-ital'iansko-gollandsko-nemetski.
Moskva, Glav.red.inostr.nauchno-tekhn. slovarei Fizmatgiza, 1961.
263 p. (MIRA 14:12)

(English language—Dictionaries—Polyglot)
(Electronics—Dictionaries) (Wave guides—Dictionaries)

LEPESHINSKAYA, Ye.V., red.; BRUDNO, K.F., tekhn. red.; KOLESNIKOVA, A.P.,
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Tekhnicheskii slovar' po plotinam. Technical dictionary on
dams. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei
Fizmatgiza, 1962. 379 p. [In 11 languages] (MIRA 16:2)

1. World Power Conference. U.S.S.R. National Committee.
(Dams--Dictionaries)
(Russian language--Dictionaries--Polyglot)

GOROKHOV, Petr Kuz'mich; LEPESHINSKAYA, Ye.V., red.; AKSEL'ROD, I.Sh.,
tekhn. red.

[French-Russian radio engineering dictionary] Frantsuzsko-
russkii radiotekhnicheskii slovar'. Izd.2. Moskva, Fizmatgiz,
1963. 383 p. (Radio--Dictionaries) (MIRA 16:7)

(French language--Dictionaries--Russian language)

(Russian language--Dictionaries--French language)

LEPESHINSKAYA, I. V., ~~professor~~, ~~professor~~, ~~professor~~, ~~professor~~; ~~AKSEL'ROD, I. S.~~, ~~professor~~, ~~professor~~, ~~professor~~, ~~professor~~;

[Dictionary on automatic control, computer engineering, and measurement techniques in seven languages; English, Russian, French, Spanish, Italian, Dutch, and German] Semislovar' po avtomatike, vychislitel'noi i izmeritel'noi tekhnike; anglo-russko-frantsuzsko-ispansko-ital'iansko-gollandsko-nemetskii. Moskva, Fizmatgiz, 1963. 471 p. (MIRA 17:2)

GORBUNOV, G.M., kand. tekhn. nauk; LEPESHINSKIY, I.A.; RUTOVSKIY, V.B.,
kand. tekhn. nauk

Distribution of the combustion area in the initial part of flame
tubes of the chambers of gas-turbine engines. Trudy MAI no.157.5-
16 '64. (MIRA 17:10)

ZHIRITSKIY, Georgiy Sergeyevich, prof.; LOKAY, Viktor Iosifovich;
MAKSUTOVA, Makhfuzya Karimovna; STRUNKIN, Valentin
Aleksandrovich; GUROV, A.F., doktor tekhn. nauk, prof.,
retsenzent; KHOLSHCHEVNIKOV, K.V., doktor tekhn. nauk,
prof., retsenzent; KULAGIN, I.I., doktor tekhn. nauk, prof.,
retsenzent; LEPESHINSKIY, I.A., inzh., red.; BOGOMOLOVA,
M.F., red. izd-va; NOVIK, A.Ya., tekhn. red.

[Gas turbines of aircraft engines] Gazovye turbiny aviatsion-
nykh dvigatelei. Moskva, Oborongiz, 1963. 604 p.

(MIRA 16:9)

(Gas turbines) (Airplanes—Engines)

ACCESSION NR: AT4041479

S/2535/64/000/157/0005/0016

AUTHOR: Gorbunov, G. M. (Candidate of technical sciences, Docent);
Lepeshinskiy, I. A.; Rutovskiy, V. B. (Candidate of technical sciences)

TITLE: Position of the combustion zone in the initial section of a
flame tube in the combustion chamber of an aviation gas turbine

SOURCE: Moscow. Aviatsionnyy institut. Trudy*, no. 157, 1964.
Issledovaniya rabocheho protsessa v kamerakh sgoraniya gazoturbiny*kh
dvigately (Studying the working process of gas turbine engine combus-
tion chambers), 5-16

TOPIC TAGS: aviation turbine, jet aircraft, combustion chamber, com-
bustion instability

ABSTRACT: Previous experiments have shown that it is possible to set
up regimes in which the combustion zone is located at the wall of the
combustion chamber rather than in the central section as in conven-
tional regimes. Such a regime was studied in chambers with and without
vaned inserts by obtaining profiles of the temperatures, liquid and
vaporized fuel concentrations, and flow velocities. It was found that

Card 1/2

VEL'PERIN, I. T.; LEPESHINSKIY, I. A.

"Motion of solid-phase particles in backward jets."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12
May 1964.

Inst of Heat & Mass Transfer, AS BSSR.

LEPESHINSKIY, I. YU.

AID P - 1345

Subject : USSR/Mining
Card 1/1 Pub. 78 - 8/30
Author : Lepeshinskiy, I. Yu.
Title : Study of water circulation behind the casing
and of the tightness of pressurized wells.
Periodical : Neft. khoz., v.32, #12, 21-25, D 1954
Abstract : The author describes methods used for
indication of water leakage from the stratum
behind the casing and from ruptures in the
casing wall. The electric resistors and
thermometers were used for these measurements.
The study is illustrated with five charts.
Two Russian references (1940 and 1952).
Institution: None
Submitted : No date

LEPESHINSKIY, I. Yu.

AID P - 1349

Subject : USSR/Mining

Card 1/1 Pub. 78 - 12/20

Authors : Grigoryan, A. M. and Lepeshinskiy, I. Yu.

Title : Geophysical measurements in inclined and horizontal veins.

Periodical : Neft. khoz., v.32, #12, 39-44, D 1954

Abstract : Inclined drillings at angles from less than 30° to 105° are generally reviewed. Various methods and instruments for measurements and recording of the depth and direction of drilling are described.

Institution: None

Submitted : No date

Lepeshinskiy, I. Yu.

USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36495

Author: Galyavich, A. Sh., Dvorkin, I. L., Lepeshinskiy, I. Yu.,
Dorofeyev, V. S.

Institution: None

Title: Estimate of the Water and Petroleum Carrying Ability of Driven
Wells Using the Method of Neutron-Gamma Well Logging

Original

Periodical: Neft. Kh-vo, 1955, No 11, 59-62

Abstract: Brief historical review of the development of methods for the de-
termination of the location of a water-petroleum contact using data
obtained by radioactive well logging. Notice is taken of the great
effect of the mineralization of the water occurring below the
petroleum layer and of the drilling compound on the results of the
neutron-gamma well logging; this is explained by the anomalously
high capture cross section of thermal neutrons by the chlorine
nuclei and by the considerable number of quanta (on the aver-
age, 3.1) emitted by the chlorine nucleus upon capture of a neutron.

Card 1/3

USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36495

Abstract: To determine the location of the water-petroleum contact in regions where the water below the petroleum layer is highly mineralized, when the content of the chlorine is much less in the petroleum-bearing part of the strata than in the water-bearing one, it is proposed to employ standard neutron-gamma logging. The favorable results obtained by using the proposed method are reported for the determination of the location of the water-petroleum contact in 2 wells in the Tuymazinskiy formation. It is noted that it is possible to use standard neutron-gamma logging also to estimate the petroleum saturation of the Devonian sandstones of the Tuymazinskiy formation. It is proposed to employ for this estimate the relative values of the neutron-gamma logging, which are independent of the sensitivity of the apparatus, of the intensity of the neutron source, etc. It is proposed that the relative neutron-gamma-logging value employed be the ratio of the average intensity of the secondary gamma radiation opposite the investigated stratum to its average intensity opposite the reference level. The value of this ratio differs by 15% opposite petroleum-bearing and water-bearing sandstones, with an accuracy of measurement of 2%.

Card 2/3

USSR/Physics of the Earth - Geophysical Prospecting, 0-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36495

Abstract: To eliminate the influence of the freshening of the stratum water (in the case of wells just drilled this is caused by the filtrate of the drilling compound, and in the case of operating wells, this is caused by water from the shaft of the well) it is proposed to purify the water-petroleum contact not earlier than 10 days after placing the well in operation, and only after first bailing it until the stratum water appears. To reduce the effect of the water in the trunk of the well, it is proposed to fill it with fresh water and to use a depth instrument of increased diameter. Bibliography, 4 titles.

Card 3/3

MISYUK, N.S.; LEPESHINSKIY, N.A.; LISKOVETS, O.A.; MASTYKIN, A.S.

Experience in the diagnosis of brain tumors with the aid of
a "Ural-1" universal computer. Zhur. nevr. i psikh. 64 no.3:
453-458 '64. (MIRA 17:5)

1. Kafedra nervnykh bolezney (zaveduyushchiy - prof. N.S.
Misyuk) Minskogo meditsinskogo instituta i vychislitel'nyy
tsentr (zaveduyushchiy - dotsent P.M. Chegolin) Belorusskogo
gosudarstvennogo universiteta imeni V.I. Lenina.

ACC NR: AP6027309

(A)

SOURCE CODE: UR/0428/66/000/002/0031/0035

AUTHOR: Lepeshinskiy, N. A.

ORG: none

TITLE: On the problem of regulating the order of machining

SOURCE: AN BSSR. Vesti. Seryya fizika-matematychnychkh navuk, no. 2, 1966, 31-35

TOPIC TAGS: metal machining, industrial process, queueing, mathematic analysis

ABSTRACT: The article studies the following problem in scheduling theory: m machines in the identical order $(1, 2, 3, \dots, m)$ must machine n work pieces. It is known that the time taken to process the i^{th} articles on the j^{th} machine is $t_{ij} > 0$. It is assumed that one machine can process one work piece at a time, a work piece cannot be processed on more than one machine at a time, and for every work piece the instant of starting of processing on the $(j+1)^{\text{th}}$ machine is the same as the end of processing on the j^{th} machine. Three statements are proven. The problem of minimizing $T_j(k)$ is equivalent to finding the order of work piece flow with the minimum number of idle periods at the j^{th} machine.

$$\Pi_{k,l}^{(j)} = \sum_{h=l+1}^m l_{k,h} + \sum_{h=1}^{l-1} l_{k,h} \quad (j = 1, 2, \dots, m), \quad (1)$$

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ACC NR: AP6027309

where for $j = 1 \sum_{h=1}^0 t_{h,j,h} = 0$, and for $j = m \sum_{h=m+1}^m t_{h,h} = 0$.

If $a_i \leq a_1, \dots, a_{i-1}, a_{i+1}, \dots, a_n, b_1, \dots, b_n$, there is (a) an optimum schedule where the i th goes first, and (b) under the same conditions as in the preceding there is a optimum schedule where the i th article goes last. The author expresses his gratitude to D. A. Suprunenko for attention to the work. Orig. art. has: 6 formulas and 1 figure.

SUB CODE: 13/ SUBM DATE: 22Nov65/ ORIG REF: 003/ OTH REF: 003

Car: 2/2

LEPESHKIN, A., pilot (g.Tyumen')

An-2 airplane on floats. Grashd.av. 13 no.2:20 P '56. (MLA 9:5)
(Seaplanes)

LEPESHKIN, A.A., tekhnik; SIZOV, Yu.P., tekhnik

For three-shift work. Shakht. stroi. no.8:25-26 Ag '60.
(MIRA 13:11)

1. Normativno-issledovatel'skaya stantsiya No.7 kombinata Kuzbasshakh-
tostroy,

(Mining engineering)

(Hours of labor)

LEPESHKIN, A. I.

USSR/Engineering - Heat, Boilers

Oct 82

"Performance of the Evaporation Section of Uniflow Vertical High-Pressure Boilers,"
K. F. Roddatis, Cand Tech Sci, Engr A. I. Lepeshkin

Iz V-S Teplotekh Inst, No 10, pp 5-10

Investigates, for the first time in the USSR, working process of boiler with vertical heating surfaces in fire chamber. Steam-water system of boiler includes following elements: convection economizer, radiation economizer, 13 sections of water wall, transition zone, and radiant and convection superheaters. Capacity of boiler is about 150 t/hr. Its furnace is equipped with eight burners using pulverized coal as fuel. Expts were conducted with feed water preheated to 105 and 200°C, and with boiler under constant or variable loads.

PA 247734

LEPESHKIN, A. I.

"Problems of development of Soviet Socialist Federation."

Report submitted for the International Political Science Assn. Meeting,
Oxford, UK 19-24 Sep 63.

Academy of Sciences, USSR

LEPESHKIN, D.

Exchange of experience. Izobr. i rats. no.10:38 0 '58.

(MIRA 11:11)

1. Nachal'nik byuro sodeystviya izobretatel'stvu i ratsionalizatsii
Moskovskogo avtozavoda imeni Likhacheva.
(Moscow--Automobile industry)

LEPESHKIN, Dmitriy Dmitriyevich; KOZLOV, S., inzh., konsul'tant;
SHLEPINA, M.M., red.; SHADRINA, N.D., tekhn.red.

[Our efficiency experts] Nashi ratsionalizatory. Izd-vo
VTsSPS Profizdat, 1958. 110 p. (MIRA 12:6)

1. Nachal'nik byuro ratsionalizatsii i izobretatel'stva
Moskovskogo avtozavoda imeni I.A.Likhacheva (for Lepeshkin).
(Efficiency, Industrial)

LEPESHKIN, Dmitriy Dmitriyevich; SUBBOTINA, G.B., red.

[Organization of invention and innovation in an industrial enterprise] Organizatsiia izobretatel'skoi i ratsionalizatorskoi raboty na promyshlennom predpriatii. Izd.2., ispr. Moskva, TSentr. nauchno-issl. in-t patentnoi informatsii i tekhniko-ekonom.issl., 1962. 85 p. (MIRA 16:8)
(Technological innovations)

LEPESHKIN, I.M., professor.

Outstanding Soviet chemist; on the 15th anniversary of N.S.
Kurnakov's death. Khim.nauka i prom. 1 no.5:579-582 '56.
(Kurnakov, Nikolai Semenovich, 1861-1941) (MLBA 9:12)

LEPESCHKIN, I. P.

R-III-2

BC

Operation of sugar-beet diffusers. A. I. Voshnikov and I. P. LEPESCHKIN (Soviet. Mach., 1966, No. 5, 18-23).—It is proposed to change the diffusers with chavins so as to have a free space which, by its position, will play the rôle of an intermediary vessel. The productivity of the diffusion battery is maintained by increasing the rate of flow. Ch. Abs. (s)

ALSO SEE METALLURGICAL LITERATURE CLASSIFICATION

Increasing the output and improving the work of lime kilns in sugar factories by means of an air blower. A. I. Vostokov and I. P. Lepeshkin. *Trans. Central Sci. Research Inst. Sugar Ind.* (U. S. S. R.) No. 21, Tech. and Chem. of Sugar Manuf., 104-22 (1939). V. E. Baikov

18

CA

Carbonation of lime water. I. P. Lepshkin and A. I. Vostokov. U.S.S.R. 67,910, Feb. 28, 1947. The process is accelerated by adding soda to the lime water, so calcd. that it forms a 1-1.5% soda soln. M. H.

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

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CA

Calculation of products in beet sugar factories for re-
ports. A. I. Vostokov and I. P. Lepeshkin. *Sukharnaya* 8
Prav. 23, No. 12, 10-21(1949).—A complete method for
control calcn. is described and a no. of formulas are shown.
V. E. Baikov

LEPESHKIN. I. P.

USSR (600)

Sugar - Manufacture and Refining

"Transactions of the All-Union Central Scientific Research Institute of the Sugar Industry." Reviewed by I. P. Lepeshkin. Sakh. Prom. No. 7 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 195~~3~~, Uncl.
2

1. VOSTOKOV, A. I.; LEPESHKIN, I. P.
2. USSR (600)
4. Sugar Industry
7. Increasing the technological capacity of beet sugar factories by over-all rationalization, Sakh. prom., 27, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

VOSTOKOV, Aleksey Ismaylovich; ~~LEPESHKIN~~, Ivan Pavlovich; YEPISHIN, A.S.,
inzhener, retsenzent; SHAPIRO, A.B., inzhener, spetsradaktor;
KHMELE'NITSKAYA, A.Z., redaktor; CHEBYSHEVA, Ye.A., tekhnicheskii
redaktor.

[Producing sugar from beets] Proizvodstvo sakhara iz svekly.
Moskva, Pishchepromizdat. No.2. [Extracting juice from beets]
Poluchenie soka iz svekly. 1955. 65 p. (MIRA 9:6)
(Sugar beets)

VOSTOKOV, Aleksey Izmaylevich; LUPESHKIN, Ivan Pavlevich; YEPISHIN, A.S.,
inkhener, retsenzent; KHIMEL'NITSKAYA, Kh.Z., redakter; CHEBYSHOVA,
Ye.A., tekhnicheskiiy redakter.

[Production of sugar from beets] Proizvodstvo sakhara iz svekly.
Moskva, Pishchepromizdat. No.1 [General description of the sugar
beet industry] Obshchee opisanie sveklo-sakharnogo proizvodstva.
1955. 102 p. (Sugar industry) (MLRA 9:5)

5 / P
VOSTOKOV, Aleksey Ismaylovich; BUDNYI, Anatoliy Vladimirovich; LEPESHKIN,
Ivan Pavlovich; KHEMEL'NITSKAYA, A.Z., redaktor; GOTLIB, E.M., tekhnicheskii redaktor

[Computing the technical capacity of a beet-sugar mill's equipment]
Raschet tekhnicheskoi moshchnosti oborudovaniia sveklosakharnykh
zavodov. Moskva, Pishchepromizdat, 1955. 406 p. (MIRA 9:1)
(Sugar machinery)

LEPESHKIN, I.P.

Work on progressive sugar mills (Work of the Dzhambul Sugar Mill;
Work of the Kuban Mill No.2. Reviewed by I.P.Lepeshkin). Sakh.
prom. 29 no.1:43-45 '55. (MIRA 8:4)
(Sugar industry)

LEPESHKIN II
PARSHIKOV, M. Ya.; MAKHINYA, M. M.; SILIN, P. M.; YAPASKURT, V. V.; YEPISHIN, A. S;
SHAKIN, A. N.; ZHIDKOV, A. A.; EHELEMSKIY, M. Z.; KARTASHOV, A. K.; BENIN, G. S.
LEPESHKIN, I. P.; KRASNYYUK, G. N.; ZHVIRKO, I. S.; ZELIKMAN, I. P.; KHEYZE, N. V.

Birthday of P. V. Golovin. Sakh. prom. 29 no. 5:7 '55. (MLRA 8:11)
(Golovin, Pavel Vasil'evich, 1880-)

Lepeshkin, I. P.

2

✓ Unexploited possibilities of the diffusion battery. I. P.

Lepeshkin. *Sakharnaya Prom.* 29, No. 5, 1951 (1950).

While many efforts are made to develop a perfect continuous

diffuser, the 14- or 16-cell batteries give excellent results

with losses of sugar of only 0.3-0.35% on the wt. of beets.

Though a continuous diffuser needs less labor, it requires

more mech. energy. The cells can be loaded with beet juice

mixed with hot juice and pumped with a centrifugal pump;

this eliminates some labor. An excessive amt. of fresh

water in the diffusion battery can be reduced by recircula-

tion of diffusion and pulp press water and by application of

compressed air for removing the last portion of water from

the cells. V. E. Raftoyan

VOSTOKOV, A.I.; LEPESHKIN, I.P.; YEPISHIN, A.S., inzhener, retsenzent;
SHAPIRO, L.B., inzhener, spetsredakter; KHMEL'NITSKAYA, A.Z.,
redakter; MUSTAFIN, A.M., tekhnicheskiiy redakter.

[Manufacture of beet sugar] Proizvodstvo sakhara iz svekly.
Moskva, Pishchepromizdat (Uchebnoe posobie dlia podgotovki
kadrov masseykh professii) no.4 [Heating and evaporation of
the juice] Nagrevanie i vyparivanie soka. 1956. 38 p.
(Sugar industry) (MLRA 9:6)

VOSTOKOV, A.I.; ~~IMERSHIN, I.M.~~ VASIL'YEVA, G.N., redaktor; P'YANKOV,
G.A., spetsredaktor; MUSTAFIN, A.M., tekhnicheskiy redaktor

[Manufacture of beet sugar] Proizvodstvo sakhara iz svekly. Moskva,
Pishchepromizdat. No. 5. [Boiling, crystallizing, and centrifuging
the masseculite. Bleaching, drying, and packing of sugar] Varka,
kristallizatsiia i fugovka utfelei. Probelivanie, sushka i
upakovka sakhara. 1956. 70 p. (MLRA 10:4)
(Sugar industry)

2.1 PESHKIN, I. P.
SILIN, P., professor; LEPESHKIN, I., inzhener; SHAKIN, A., inzhener.

The anniversary of an engineer Doctor A. Mirchev. Sakh.prom. 30
no.7:72 J1 '56. (MLBA 9:11)

(Mirchev, A.)

LEPESHKIN, I.P.

A useful start. Sakh.prom. 30 no.7:75-76 J1 '56.
(Sugar industry--Periodicals)

(MLRA 9:11)

2-12-1957
ZHAMENSKIY, Gleb Mikhaylovich, prof., doktor tekhn.nauk [deceased];
ZHIGALOV, S.F., prof., retsenzent; LEPESHKIN, I.P., inzh. retsenzent;
P'YANKOV, G.A., inzh., retsenzent; KHOMEL'NITSKAYA, A.Z., red.
KISINA, Ye.I., tekhn.red.

[Engineering equipment for sugar beet processing and for refineries]
Tekhnologicheskoe oborudovanie svekolosakhornyykh i rafinadnykh
savodov. Moskva, Pishchepromizdat, 1957. 370 p. (MIRA 11:2)
(Sugar industry--Equipment and supplies)

SHUMKOV, Boris Petrovich, inzh.; KOROL'KOV, Sergey Ivanovich, kand. tekhn. nauk; LEPESHKIN, I. P., inzh., spetsred., retsenzent; KRUGLOVA, G.I., red.; KISINA, Ye.I., tekhn. red.

[Technology and chemical control of sugar beet manufacture] Tekhnologiya i tekhnokhimicheskii kontrol' sveklosakharnogo proizvodstva. (MIRA 11:7)
Moskva, Pishchepromizdat, 1957. 399 p.
(Sugar manufacture)

LEPESHKIN, I.P.

Technical poster "Tribune of the inventor and efficiency promoter".
Sakh. prom. 31 no.2:74 '57. (MLRA 10:4)
(Sugar industry--Equipment and supplies)

SILIN, P., professor; LEPESHKIN, I., inzhener; SHAKIN, A., inzhener.

Sixtieth birthday of Academician I. Vashatko. Sakh. prom. 31
no. 3:67 Mr '57. (MLWA 10:4)
(Vasatko, I., 1897-)

~~LEPESHKIN, I.P.~~

Revising technical terminology used in the sugar industry. Sakh.
prom. 31 no.5:16-18 My '57. (MLRA 10:6)
(Sugar industry--Terminology)

ZHIGALOV, Sergey Fillipovich; BENIN, G.S., ratsenzent; LEPESIKIN, I.P.,
spetsred.; KHOML'NITSKAYA, A.Z., red.; DOBUZHINSKAYA, L.V.,
tekhn.red.

[Operations and equipment in beet sugar manufacture] Protseessy
i apparaty svoklosakharnogo proizvodstva. Moskva, Pishcheprom-
izdat, 1958. 606 p. (MIRA 12:1)
(Sugar manufacture)

MOGIL'NIY, Yevgeniy Akimovich; SHAPIRO, Lazar' Borisovich; LEPESHKIN,
I.P., inzh., retsenzent; SILIN, P.M., prof., spetsred.;
KHIMEL'NITSKAYA, A.Z., red.; TARASOVA, H.M., tekhn.red.

[Separation of sugar from molasses] Separatsiia sakhara iz
melassy. Izd.2., perer. i dop. Moskva, Pishchepromizdat,
1959. 261 p. (MIRA 13:2)
(Sugar) (Molasses)

LEPESHKIN, I.P.

Valuable literary heritage ("Selected works on the technology and chemistry of fermentation and sugar manufacture" by S.V. Lebedev. Reviewed by I.P. Lepeshkin). Sakh. prom. 33 no.2:73 F '59.4
(MIRA 12:3)
(Fermentation) (Sugar manufacture) (Lebedev, S.V.)

VOSTOKOV, A.I.; LEPESHKIN, I.P.; PRITYKINA, L.A., red.; SOKOLOVA, I.A.,
tekhn. red.

[Manufacture of sugar from beets] Proizvodstvo sakhara iz svekly.
Izd.2. Moskva, Pishchepromizdat. No.3. [Juice and sirup purification]
Ochistka soka i siropa. 1960. 58 p. (MIRA 14:12)
(Sugar manufacture) (Sugar beets)

VOSTOKOV, A.I.; LEPESHKIN, I.P.; PRITYKINA, L.A., red.; SOKOLOVA, I.A.,
tekhn. red.

[Manufacture of sugar from beets] Proizvodstvo sakhara iz
svekly. Izd. 2. Moskva, Pishchepromizdat. No.6. [Production
of lime, lime milk, and carbonation gas] Poluchenie izvesti,
izvestkovogo moloča i saturatsionnogo gaza. 1960. 45 p.
(MIRA 14:5)

(Sugar manufacture) (Lime) (Carbon dioxide)

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